



## SEQUENCE LISTING

## (1) GENERAL INFORMATION:

- (i) APPLICANT: Ling, Nicholas  
Saur, Amitabh  
Donlon, Paul F.  
Steinman, Lawrence
- (ii) TITLE OF INVENTION: METHODS FOR TREATMENT OF MULTIPLE  
SCLEROSIS USING PEPTIDE ANALOGUES OF HUMAN MYELIN BASIC  
PROTEIN
- (iii) NUMBER OF SEQUENCES: 3
- (iv) CORRESPONDENCE ADDRESS:
  - (A) ADDRESSEE: Seed Intellectual Property Law Group PLLC
  - (B) STREET: 701 Fifth Avenue, Suite 6300
  - (C) CITY: Seattle
  - (D) STATE: Washington
  - (E) COUNTRY: USA
  - (F) ZIP: 98104-7192
- (v) COMPUTER READABLE FORM:
  - (A) MEDIUM TYPE: Floppy disk
  - (B) COMPUTER: IBM PC compatible
  - (C) OPERATING SYSTEM: PC-DOS/MS-DOS
  - (D) SOFTWARE: PatentIn Release #1.0, Version #1.30
- (vi) CURRENT APPLICATION DATA:
  - (A) APPLICATION NUMBER: 10/015,540
  - (B) FILING DATE: 11-DEC-2001
  - (C) CLASSIFICATION:
- (viii) ATTORNEY/AGENT INFORMATION:
  - A NAME: Christiansen, William T.
  - B REGISTRATION NUMBER: 44,814
  - C REFERENCE: PREVIOUS NUMBER: 22,141,414
- (ix) TELECOMMUNICATION INFORMATION:
  - A TELEPHONE: (206) 472-4977
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## (2) INFORMATION FOR SEQUENCE LISTING:

## (i) SEQUENCE CHARACTERISTICS:

## (ix) FEATURE:

(A) NAME/KEY: CDS

(B) LOCATION: 1..510

## (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:

GCG TCA CAG AAG AGA CCC TCC CAG AGG CAC GGA TCC AAG TAC CTG GGC	48
Ala Ser Gln Lys Arg Pro Ser Gln Arg His Gly Ser Lys Tyr Leu Ala	
1 5 10 15	
ACA GCA AGT ACC ATG GAC CAT GCC AGG CAT GGC TTC CTC CCA AGG CAC	96
Thr Ala Ser Thr Met Asp His Ala Ser His Gly Phe Leu Pro Arg His	
20 25 30	
AGA GAC ACG GGC ATC CTT GAC TCC ATC GGG CGC TTC TTT GGC GGT GAC	144
Arg Asp Thr Gly Ile Leu Asp Ser Ile Gly Arg Phe Phe Gly Gly Asp	
35 40 45	
AGG GGT GCG CCA AAG CGG GGC TCT GGC AAG GAC TCA CAC CAC CCG GCA	192
Arg Gly Ala Pro Lys Arg Gly Ser Gly Lys Asp Ser His His Pro Ala	
50 55 60	
AGA ACT GGT CAC TAT GGC TCC CTG CCC CAG AAG TCA CAC GGC CGG ACC	240
Arg Thr Ala His Tyr Gly Ser Leu Pro Gln Lys Ser His Gly Arg Thr	
65 70 75 80	
CAA GAT GAA AAC CCC GTA GTC CAC TTC TTC AAG AAC ATT GTG ACG CCT	288
Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro	
85 90 95	
CGC ACA CCA CCC CCG TCG CAG GGA AAG GGG AGA GGA CTG TCC CTG AGC	336
Arg Thr Pro Pro Pro Ser Gln Gly Lys Gly Arg Gly Leu Ser Leu Ser	
100 105 110	
AGA TTT AGC TGG GGG GGC GAA GGC CAG AGA CCA GGA TTT GGC TAC GGA	384
Arg Phe Ser Trp Gly Ala Glu Gly Gln Arg Pro Gly Phe Gly Tyr Gly	
115 120 125	
131 AGA GGA TAT GAT TAT AAA TCC GTC CAT AAG AGA TTT AAG GGA GAT	432
Gly Arg Ala Ser Asp Tyr Lys Ser Ala His Lys His His Lys Gly Val	
135 140 145	
GAT GAT CAG GAT ACC ATT TCC AAA ATT TTT AAG CTC GGA GGA AAT GAT	480
Asp Ala Gln Gly Thr Leu Ser Lys Ile Phe Lys Leu Gly Gly Arg Asp	
145 150 155 160	
AGT GAC TTT GGA TCA ACC ATG GGT AAT CAT TGA	513
Arg Ala Ser Gly Ser Ile Met Ala Arg Arg	
165 170	

(D) TOPOLOGY: linear

(ii) MOLECULE TYPE: protein

(xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:

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Ala Ser Gln Lys Arg Pro Ser Gln Arg His Gly Ser Lys Tyr Leu Ala
 1           5           10           15
Thr Ala Ser Thr Met Asp His Ala Arg His Gly Phe Leu Pro Arg His
          20           25           30
Arg Asp Thr Gly Ile Leu Asp Ser Ile Gly Arg Phe Phe Gly Gly Asp
          35           40           45
Arg Gly Ala Pro Lys Arg Gly Ser Gly Lys Asp Ser His His Pro Ala
          50           55           60
Arg Thr Ala His Tyr Gly Ser Leu Pro Gln Lys Ser His Gly Arg Thr
          65           70           75           80
Gln Asp Glu Asn Pro Val Val His Phe Phe Lys Asn Ile Val Thr Pro
          85           90           95
Arg Thr Pro Pro Pro Ser Gln Gly Lys Gly Arg Gly Leu Ser Leu Ser
          100          105          110
Arg Phe Ser Trp Gly Ala Glu Gly Gln Arg Pro Gly Phe Gly Tyr Gly
          115          120          125
Gly Arg Ala Ser Asp Tyr Lys Ser Ala His Lys Gly Phe Lys Gly Val
          130          135          140
Asp Ala Gln Gly Thr Leu Ser Lys Ile Phe Lys Leu Gly Gly Arg Asp
          145          150          155          160
Ser Arg Ser Gly Ser Pro Met Ala Arg Arg
          165          170

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1 INFORMATION FOR SEQ. 1: Name:

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1. SEQUENCE CHARACTERISTICS:
  (A) LENGTH: 17 amino acids
  (B) TYPE: amino acid
  (C) STRANDEDNESS:
  (D) TOPOLOGY: linear

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